



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO. 14014.0349U2	SERIAL NO. 10/049,586
	APPLICANT: Blackshear et al.	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
BZL	A1	WO 97/42820A	11/20/97	Duke University			

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)		
BZL	A2	Akashi et al. Role of AUUUA sequences in stabilization of granulocyte-macrophage colony-stimulating factor RNA in stimulated cells. <i>Blood</i> 78:2005-2012 (1991)
	A3	Barnard et al. <i>Nucl. Acids Res.</i> 21:3580 (1993)
	A4	Beelman et al. Degradation of mRNA in eukaryotes. <i>Cell</i> 81:179 (1995)
	A5	Bohjanen et al. AU RNA-binding factors differ in their binding specificities and affinities. <i>J. Biol. Chem.</i> 267:6302-6309 (1992)
	A6	Bohjanen et al. An inducible cytoplasmic factor (AU-B) binds selectively to AUUUA multimers in the 3' untranslated region of lymphokine mRNA. <i>Mol. Cell. Biol.</i> 11:3288-3295
	A7	Caput et al. Identification of a common nucleotide sequence in the 3'-untranslated region of mRNA molecules specifying inflammatory mediators. <i>Proc. Natl. Acad. Sci. USA</i> 83:1670-1674 (1986)
	A8	Carballo et al. Bone marrow transplantation reproduces the tristetraprolin-deficiency syndrome in recombination activating gene-2(-/-) mice. <i>J. Clin. Invest.</i> 100(5):986-995 (1997)
	A9	Carballo et al. Evidence that tristetraprolin is a physiological regulator of granulocyte-macrophage colony-stimulating factor messenger RNA deadenylation and stability. <i>Blood</i> 95(6):1891-1899 (March 15, 2000)
	A10	Carballo et al. Tristetraprolin is a regulator of granulocyte-macrophage colony-stimulating factor mRNA stability. <i>Exper. Hematol.</i> 28(No. 7 Suppl. 1):36 (July 2000)
	A11	Carballo et al. Feedback inhibition of macrophage tumor necrosis factor-alpha (TNF α) production by tristetraprolin (TTP). <i>Science</i> 281(5379):1001-1005 (August 14, 1998)
	A12	Chen et al. AU-rich elements: characterization and importance in mRNA degradation. <i>Trends Biochem. Sci.</i> 20:465-470 (1995)
	A13	Chen et al. mRNA decay mediated by two distinct AU-rich elements from c-fos and granulocyte-macrophage colony-stimulating factor transcripts: different deadenylation kinetics and uncoupling from translation. <i>Mol. Cell. Biol.</i> 15:5777 (1995)
BZL	A14	Chen et al. Selective degradation of early-response-gene mRNAs: functional analyses of sequence features of the AU-rich elements. <i>Mol. Cell. Biol.</i> 14:8471 (1994)



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67A	A15	De et al. Identification of four CCCH zinc finger proteins in <i>Xenopus</i> , including a novel vertebrate protein with four zinc fingers and severely restricted expression. <i>Gene</i> 228(1-2):133-145 (March 4, 1999)
	A16	DuBois et al. Growth factor-inducible nuclear protein with a novel cysteine/histidine repetitive sequence. <i>J. Biol. Chem.</i> 265(31):19185-19191 (1990)
	A17	Han et al. Interactive effects of the tumor necrosis factor promoter and 3' untranslated regions. <i>J. Immunol.</i> 146:1843 (1991)
	A18	Kim et al. Binding of a protein to an AU-rich domain of tumor necrosis factor α mRNA as a 35 kDa complex and its regulation in primary rat astrocytes. <i>Biochem. J.</i> 316:455-460 (1996)
	A19	Lai et al. Interactions of CCCH zinc finger proteins with mRNA. Binding of tristetraprolin-related zinc finger proteins to Au-rich elements and destabilization of mRNA. <i>J. Biol. Chem.</i> 275(23):17827:17837 (June 9, 2000)
	A20	Lai et al. Evidence that tristetraprolin binds to AU-rich elements and promotes the deadenylation and destabilization of tumor necrosis factor alpha mRNA. <i>Mol. Cell. Biol.</i> 19(6):4311-4323 (June 1999)
	A21	Ma et al. The yeast homologue YTIS11, of the mammalian TIS11 gene family is a non-essential, glucose repressible gene. <i>Oncogene</i> 10:487-494 (1995)
	A22	Muller et al. Association of AUUUA-binding protein with A+U-rich mRNA during nucleo-cytoplasmic transport. <i>J. Mol. Biol.</i> 226:721-733 (1992)
	A23	Nie et al. ERF-2, the human homologue of the murine Tis11d early response gene. <i>Gene</i> 152:285-286 (1995)
	A24	Peng et al. Functional characterization of a non-AUUUA AU-rich element from the <i>c-jun</i> proto-oncogene mRNA: Evidence for a novel class of AU-rich elements. <i>Mol. Cell. Biol.</i> 16(4):1490-1499 (1996)
	A25	Rubin et al. A poly (A) binding protein-specific sequence motif: MRTENGKSKGFGFVC binding to mRNA poly (A) and polynucleotides and its role on mRNA translation. <i>Biochem. Mol. Biol. Int.</i> 33:575 (1994)
	A26	Sachs. Messenger RNA degradation in eukaryotes. <i>Cell</i> 74:413 (1993)
	A27	Shaw et al. A conserved AU sequence from the 3' untranslated region of GM-CSF mRNA mediates selective mRNA degradation. <i>Cell</i> 46:659-667 (1986)
	A28	Stevens et al. Blastomeres and cells with mesendodermal fates of carp embryos express cth1, a member of the TIS11 family of primary response genes. <i>Int. J. Dev. Biol.</i> 42:181-188 (1998)
	A29	Stoecklin et al. Functional hierarchy of AUUUA motifs in mediating rapid interleukin-3 mRNA decay. <i>J. Biol. Chem.</i> 269(18):28591-28597 (1994)
	A30	Taylor et al. The human TTP protein: sequence, alignment with related proteins, and chromosomal localization of the mouse and human genes. <i>Nucl. Acids Res.</i> 19(12):3454 (1991)
	A31	Thompson et al. Cloning and characterization of two yeast genes encoding members of the CCCH class of zinc finger proteins: zinc finger-mediated impairment of cell growth. <i>Gene</i> 174(2):225-233 (1996)
	A32	Varnum et al. The TIS11 primary response gene is a member of a gene family that encodes with a highly conserved sequence containing an unusual Cys-His repeat. <i>Mol. Cell. Biol.</i> 11:1754-1758 (1991)
	A33	Wang et al. Posttranscriptional regulation of protein expression in human epithelial carcinoma cells by adenine-uridine-rich elements in the 3'-untranslated region of tumor necrosis factor-alpha messenger RNA. <i>Cancer Res.</i> 57:5426-5433 (1997)
67A	A34	Xu et al. Modulation of the fate of cytoplasmic mRNA by AU-rich elements: key sequence features controlling mRNA deadenylation and decay. <i>Mol. Cell. Biol.</i> 17(8):4611-4621 (1997)
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